

seqlist.ST25.txt
SEQUENCE LISTING

<110> Clark, Abbot F.
Wordinger, Robert J.

<120> Methods for Diagnosing Glaucoma and Discovering Anti-Glaucoma Drugs

<130> 1581 US F

<140> 09/308,295
<141> 1999-05-17

<150> PCT/US97/21054
<151> 1997-11-14

<150> USSN 60/033,227
<151> 1996-12-05

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<170> PatentIn version 3.1

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<212> RNA
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<400> 1

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seqlist.ST25.txt

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seqlist.ST25.txt

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seqlist.ST25.txt

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Glu Gly Asn Ser Ser Gln Asn Trp Gln Arg Phe Tyr Gln Leu Thr Lys
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seqlist.ST25.txt

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| accacaaaaa uugacucaa ucuccaguau ucuugucaa aaaaaaaaaa aaaaagcuca | 3240 |
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seqlist.ST25.txt

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Val Met Gly Asn Asp Leu Gly Phe Pro Gln Gln Gly Gln Ile Ser Leu
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Pro Gly Val Ile Lys Gln Glu Lys Leu Gly Thr Val Tyr Cys Gln Ala
290 295 300

Ser Phe Pro Gly Ala Asn Ile Ile Gly Asn Lys Met Ser Ala Ile Ser
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Val His Gly Val Ser Thr Ser Gly Gly Gln Met Tyr His Tyr Asp Met
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Gly Arg Thr Val Phe Ser Asn Gly Tyr Ser Ser Pro Ser Met Arg Pro
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| aaaatgtaac ttccctgttta attttaaag tatcaatcta aatttgcattt ttctttgtgc | 46200 |
| ataatctttt ttcaagctat ttaccatgtt gacaaacttg ctccctgtgc gcaaaatcac | 46260 |
| tagcaatacg ttataaatat gtaactttca acctattac agttgtatgc ttttagccc | 46320 |
| tttggattta aaatacaagc actgaagagg tgaggaagta ccactgctgc ctcagcatta | 46380 |
| tttcgaaattt ctgtttataa actatacaat ttccaagggtc atgaatccag caccttcca | 46440 |

seqlist.ST25.txt

seqlist.ST25.txt

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| tgatTTTTC tttttttttt ttttttttag acggactttt gctctgtcac ccaggctgga | 48540 |
| gtgcagtgg tcaatcttgg ctacacagcaa cctctgcctc ccaggttcaa gcaatcctcc | 48600 |
| tgccctcagcc tccccagtag ccgggcctac aggcgtgtgc caccacgcct ggctaatttt | 48660 |
| tgtatTTTA gtagagatgg ggattccccca tgtggccag gctggtctcg aactcctgac | 48720 |
| ctcaggtgat ccgctcacct tggcctccca aagtgtggg attaccgtgc cagcctgatg | 48780 |
| ttactatTTT aattgttttc aggaccata aacctcacct gtataaggca ccgtactaa | 48840 |
| ttgataaata ttgcgcatga tctgactgct cttccaactg gccattccct gtctgtctcc | 48900 |
| ctcttcctgg gactctcaaa tccctgagag acaataatataaaaattaag ctaattaata | 48960 |
| accctacagt ggctctcaag tgtgaagtgc aaagagttgc atgtctctca cttaataaa | 49020 |
| aaagctagaa gtggctaaac ttagtgagga aggcacatca aaagccaaga caggccaaaa | 49080 |
| gcaaggactc ttgtactaaa cagctaaatt gtgaatgcaaa aggaaaagct cttgaaggaa | 49140 |
| ataactagtg ctactccagc aaacatgtga atgatcagaa agtggaaacag ctttcttgct | 49200 |
| gatacgaaga aagtttagt ggtctggaca gaagatcaaa ccattcacaa cattcctta | 49260 |
| agccaaagct taactctttt caattctatg aaggctgtga gaggtgagaa agctgcagaa | 49320 |
| aaaaattgg aagcttagcag aggtcggttgc atgaggttta gggaaagaag ccagcgctgt | 49380 |
| aacataaaag tgtaaggtga agcagcaagt gctgatacag aaactgcagc aagttatgt | 49440 |
| gaagatcttag ctaagattac taaataatag atttccatg tagatgaaaa agcctttgt | 49500 |
| tggaagaaga tgccatctag gactttcata gctagaaagg agtcaatgtc tggcttcaga | 49560 |
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| tgtactcttag aaatgaaaca acaaaggctg gatgacagca catctgttta tagatgctt | 49740 |
| cactgaatat tttaaggcca ctgtaaagac ctgttcaact gctcagaaaa aaatgattac | 49800 |
| tttcaaaata ttgctgttca ttgacagtgc acctgggctc acccaagagc tctaattggaa | 49860 |
| ttgtacaaca agatggatgt tgttctcatg cctgccaaca catcatccat ttgttagccca | 49920 |
| tgaatcaggg agtgatttca agtttcaaatt cagtagatatt tgtaaggcta tagctgctat | 49980 |
| agacagtgtat tgctctgggt gacctggca aagtaaatca aaaaccttct gaaaaggatt | 50040 |
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| tagtagcagt ttgaaagaag ttgattccaa cagttataga tgaatttgag gggttcaaca | 50160 |
| cttcagtttta ggaagtcaact gcagatgtgg tagaaacagc aagagaacta gaatttgc | 50220 |
| tggagcccga aaatgtgacg gaattgctgc aatctcatga gaaaacgtga atggatgagg | 50280 |
| agttgcttct tatggacaaa tgagcaaaata aattttttc ttgagatgga atctactcct | 50340 |

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| actgtggta aaatgctatc aaacagcatc tcgtgctaca aagaaatctt ttatgaaaag | 50520 |
| aaaagtgaaa cttcattgtt gtctacttta agaaattgcc acagccaccc caccttcagc | 50580 |
| aaccacctct ctgatcagtc agcaggcatc aacactgaag caagaccctc cacaaggaaa | 50640 |
| aagattacaa ctcactgaaa gttcaaatga ttgttagcat ttttaagcaa tattttaga | 50700 |
| ttaaggtaaa tacatttta aagacacaat gctattgcac acttaataga ctacagtata | 50760 |
| gtataaatat aactttata ttagtggaa accaaaaaaa ttcgtctgac ttgctttgtt | 50820 |
| gcaatattca ctttattgtg gtctagaacc gaacctgaaa tatctcagag gtatgcctgt | 50880 |
| attaatatta ttttgcagt aaaaaaccca gcatataaaa aaaacgtaga atatgttag | 50940 |
| agttcagtaa tatggatgaa aatgttttc tctaactgaa gaacatgata aattataatt | 51000 |
| agggaggat ataaaccaag aaaatatgtc tgagatagcc aattttgca gttcataata | 51060 |
| tgaaaactca ttataccaaat ctcagtaaga atactttaa tagctgttat ttctttggaa | 51120 |
| tatagaattt ataaagtaca cagtaatctt cttatgatca atccttaggt cacttacaa | 51180 |
| ccacttaccc catattacaa ttagtacca agacaagcag accaaattat agaaggacaa | 51240 |
| agttttgct aagcatattt tgcattcagc ataccgcatt gtgtgtgcat gcatgtgtgt | 51300 |
| gtttgtgcat gtgtgtgatt gtataaaata ttagaaagcc accccagaaa agttaatga | 51360 |
| ctaggaatgt tgcaggaa ttaagctacc cctaaaatta tataacaaaa ctctcttcat | 51420 |
| ctattattag gtcatttta gaacatctc tctaaattt gttataggc tctctcatct | 51480 |
| gtttggatta aaattggctt gaaagcctaa aatggcttt tacctatata attattccc | 51540 |
| aactagctt tagtataaggc gcaaagctat cacacttgct aggttagtga agtatgtaaa | 51600 |
| aactaccatc ttcaatttgcg aaccatcg atagcttcta caggattgct ggggagaacc | 51660 |
| tttataaaga aagttatatac ttataaattt tttgtcatt ttacttagct gagaatataa | 51720 |
| aataagttt ctaataatag agtagaaatg tttctgtaa cagattaata ttgatcaaata | 51780 |
| gtgttattaa atgctaaaac accattttt ttctctgtaa gccatgtgtt tcatgccaca | 51840 |
| acacaaaaagg gacaattgtc tttttttt gacagttctg ttctgtcaga tgctgttgt | 51900 |
| tcatttttgtt gaataaatgc agagagccct ggacacatct tttttcctc aacaaaaagag | 51960 |
| gaaaattattt cttgtctgtt tttttttt cttgtctgtt tttttttt tttttttt tttttttt | 52020 |
| aaagtcagca tttttttt aagataggtg tttttttt gggcgatatg gctggacagt | 52080 |
| tagattggaa ccaaataatg gaaggcttgc aacatcatgc taagaggtt gggttttact | 52140 |
| ctgaaggcag tagagaacca ttatgtttt aagccaggat tgacttgc tttttttt tttttttt | 52200 |
| tttagaaata ttactctggc agttgtacat aggtgagct gtatgtgtt ttgtttttttt | 52260 |

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| aggctggca agaagtagta | aaagcattaa ctggagtgg | agcagtaggg aaggaaataa | 52380 |
| aaggatagat gtgggagtca | tttggaaagt atgaggcaat | tcattgacct tacagaatca | 52440 |
| ctggtttct gcttccactc | cattcacatt gaccttcca | aggatatcag tgaccgttt | 52500 |
| gtccttaaat tcagtggca | cttccagta acctactgtt | ggcaccagcc ctgtgctaga | 52560 |
| caccaggatc ctgttgtaa | aggcatctgc cagtggtttc | tgtgacacaa ttctgtttct | 52620 |
| agtttcctc cttctacttc | tctagcctct tggcaagttc | ttcttcaga gtttcaga | 52680 |
| gctttgtgct aggccctctt | ctcattttct cttctctaa | gtgatcccatt cttttctgt | 52740 |
| tgcttcagtt accatttgc | cttatgcaaa ggacagccat | atctactgta tctccagctc | 52800 |
| agatgtatct cttgcctcc | tgacccatat ttccaactat | ctaactgggt atctttctt | 52860 |
| ggatgagtt taggtctctc | aaacacaaca tgtccagaat | aattcattga cttattctaa | 52920 |
| ggcctgcttc ctcttcctcc | tgtagtcctt atctcaggaa | atatatggtg ctatcaaccc | 52980 |
| caaagcagaa atctggacat | aatccctaac taccctttc | ccctctctgt gcacataatt | 53040 |
| tcagtcatta ggcctcatag | attggactaa ataaataacct | cgcaaaccct tctacttata | 53100 |
| ttcttaactg ctcctacctt | aagccaggt accataattt | tgtagctgga tgactgcattc | 53160 |
| atcatcttga ctggctccct | tgtcatcttc aatctatatt | ctatactgca gctagagctt | 53220 |
| tcaaacataa acatgtgatc | agattagtcc cctctttaga | acaccctagg gttctcactg | 53280 |
| tcctgagtagc agtctaaggg | tttaccatgg cttacaggg | ctttatgat ttggtagct | 53340 |
| ttttattgtt taacctttct | aaactgcctt tactccctc | tttcttggt ctgtgtctt | 53400 |
| gcataatgct gttccctata | cttcacactca cgtctaacct | tcatctcctt ttcacttctc | 53460 |
| ctcttcctcc aaaatccagc | tgaatatcac attgtcatgc | aggcccattc ttgatctccc | 53520 |
| acgtttgggt tagatatccc | tcttcagtagc catcaccgca | ccaggtgtgt cccctatcc | 53580 |
| agcatttgcc tcattgtatt | acaactactg tgtactcgtc | tctacagctc ctgctagtct | 53640 |
| aaaagtttg ggagagcaaa | ggttcatgtt tgtgttttc | actgtggtat accccagtgc | 53700 |
| ctagtatatg ataagctctc | aaaatatttg ttagatgtat | gaagaaatga gaaagagaac | 53760 |
| aggaagaggg taagttcaa | gacttagaaa caaggctatg | aaagctgcag gaaagcagca | 53820 |
| ggttaaaacc tagaagaaga | gtttgtttta ggaaatactg | tgtttaaac cactataact | 53880 |
| gaagaaaaaa cccaaggcct | gggtgtggat agagtccact | atctgataac agtggatact | 53940 |
| gatgcatggc agagttggag | aggaagagag ccagattcca | aaacagaagg ggtaaagtct | 54000 |
| tctaagaaga tagattatag | taagaaggat tagggatag | aaatatgagc ctgttccact | 54060 |
| catagatctc aaacatgaaa | tgtgagtca tcatgaagag | agtaggcaat tgtccagtga | 54120 |
| agaagggat gctaaccctt | cttaaccttg aatctctcag | gtagaagcag ttagagaagg | 54180 |
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| gagaaatctg tagaagaggc ttctctctct gatcctccct ccacttcagt tttaccacat | 54420 |
| gtaatgcaac aataattaag aatttgtgt aatttcacc aggttggcat gcatggagag | 54480 |
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| caaaaaaca | taataataat | ttgttattcat | tcattttcca | atgtgttcat | tccagttcag | 58260 |
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| gccacccat | tgttaggtgc | actcaaatgc | acactcacac | tcaaactggg | acccttcaga | 58380 |
| catgccagtt | accgtatcac | acacagcttc | gggatgtggg | aggaaagcga | agtatctgga | 58440 |
| gaaaaactac | acagacatgg | gaagaacgag | ccaactctac | acagacagtg | gccctggaca | 58500 |
| gagctggca | ggcatcagtt | tttttcttt | tttttgtgg | gggtgagggt | ggggcatgga | 58560 |
| gtctcactct | gtcacccagg | ctggattgca | gtgcagtgg | gtgatctcag | ctcactacaa | 58620 |
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| ccatagcaaa | atataatgtt | taaaaatgtt | taaattctaa | gcactatgtc | atagttaaat | 59340 |
| aacttaaagg | tgctacatct | tatacagtcc | aaaaggaaca | taatttagtaa | aattctacaa | 59400 |
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| taaaaagttt | cgtatcataa | atacacacag | agtaacaata | ctggaaatat | tgcaacttgt | 59760 |
| aagaaagagg | aagcatatgg | catattctga | tggtaggga | tatggactct | gtagctggga | 59820 |
| tgcctgaaag | agaactctga | ctccactaat | ggcttagttat | atgaaattgt | gcagataatt | 59880 |
| taacttctct | gagtttgcatt | ttttcttgc | ctatataatg | gggataataa | tagtacctac | 59940 |
| ctcacacata | gtgttaattt | ctattagtgg | ttctcattaa | gatagtattt | ttgttcatcc | 60000 |
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seqlist.ST25.txt

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seqlist.ST25.txt

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| tgagggttcc | tttccttcc | tttatattga | tatgaatata | gacacaactg | ttctgcattt | 80760 |
| ccatttgttt | ttataaatgt | cttttagga | tttaggaact | gctaattatg | caatatgaga | 80820 |
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